

Property: TAG
 Commenced: 07/25/94
 Completed: 07/26/94
 UTM Coordinates: 414951E/6815748N
 Contractor: D.J. Drilling
 Logged by: H.C.Schultze
 Drill: Boyles 25A

District: Watson Lk.
 Location: Yukon
 Core Size: NQ
 Claim Reference: Tag 18
 Tract/Claim: YB46244
 Elevation: 1383 m

Hole No.: T94-26
 Length: 222.5 m
 Cor. Dip: -45
 True Brg.: 180
 % Recovery: 94

Metres From	Metres To	Plot Code	Description
0	9.2	OVV	OVERBURDEN-CASING
9.2	22.2	FTC	QUARTZ/SERICITE/FELDSPAR (CHLORITE/BIOTITE/CC) FRAGMENTAL TO GRANULAR SCHIST (FELDSPAR-PORPHYRY?) Light grey/green rock with fine grained groundmass comprising quartz, feldspar, and sericite with varying model proportions of elongate feldspar crystal forms up to 1.5 cm in size. Chlorite and biotite locally present as fine disseminated flakes to several %. Interval between 9.2-17.0 m is blocky with breaks common at 5 and 10 cm intervals. A tourmaline bearing quartz vein occupies a narrow D3 fracture subparallel to core axis between 15.0-16.0.
22.2	23.6	MDX2	CALCITE RHOMB BIOTITE/CHLORITE/CC/FELDSPAR SCHIST CC rhombs to 0.5 cm (15-20%) in a chlorite/biotite/cc/feldspar groundmass. Strong S2 fabric @ 65° to core axis. Contact with adjacent units is sharp with only a few biotite/chlorite seams in porphyry parallel to S2 @ immediate margins.
23.6	30.4	FTC	QUARTZ/SERICITE/FELDSPAR/CHLORITE/BIOTITE/CC) FRAGMENTAL TO GRANULAR SCHIST As in 9.2-22.2 Interval
30.4	31.0	MD	BIOTITE/CC/CHLORITE SCHIST Fine grained 0.5-1 mm biotite/cc/chlorite schist sharp contact with adjacent units.
31.0	97.2		QUARTZ/SERICITE/FELDSPAR(CHLORITE/BIOTITE/CC) FRAGMENTAL TO GRANULAR SCHIST As in 9.2-22.2. S2 to core axis @ 75.0 is 75°.
31.0	94.1	FTC	88.3-97.2 Well developed crystals feldspars forms anhedral to subhedral 0.5 to 1.5 cm in size 15-20% by volume floating in quartz/feldspar/sericite chlorite (2-5) matrix. S1 fabric subparallel to core axis locally preserved with loss defined. S2 @ 65°. Quartz vein @ 94.1-94.7 m.
94.1	94.7	QZVN	
94.7	97.2	FTC	
97.2	106.0	FTA	QUARTZ/SERICITE/FELDSPAR (CHLORITE/FEC03) RIBBONED SCHIST Contact with overlying feldspar pyritic unit relatively sharp with broken diffuse edge. Unit is a dense light grey siliceous/cherty quartz banded rock with fine sericite seams, commonly with several % fine chlorite. Quartzose bands are 0.5-1 cm wide of commonly fragmental in character as a result of S2 shearing and alternations. S1 typically subparallel to core axis. FeCO3 (2-3%) occurs as fine flakes around edges of quartzose forms and with fine grained quartz and sericite in groundmass.
106.0	159.4	FTC(FTA)	QUARTZ/SERICITE/FELDSPAR (CHLORITE/BIOTITE/FEC03) FRAGMENTAL/GRANULARSCHIST. RHYOLITE AT (PORPHYRY?) Light green with mottled darker green sections. Upper Contact placed @ less ribbon like more fragmental form unit. Chlorite enriched sections occur between 106.0-111.6 in which fine grained dark green to black chlorite (5-10%) and sericite (10-30%) occur over 10-20cm intervals with fine grained quartz + feldspar? with floating quartzose forms. Biotite (1-2%) locally present as fine flakes in groundmass. Po and pyrite occur as local clots and wispy bands or thick bands to several cm wide with quartz matrix parallel to S2. S2 to core axis is 70° @ 110 m. Pyrite and po rich fine grained quartz bands and wisps common in this interval. Trace sphalerite identified with several pyrite bands as fine buckshotty grains. S2 to core axis is 70° @ 157 m. Interval possibly represents a fine to coarse felsic ash tuffs pyroclastic sequence.
159.4	160.9	FYXB	QUARTZ/SERICITE/CHLORITE NETWORKED SCHIST (ARGILLACEOUS TUFF OR ALTERED TUFFS?) Light medium grey quartz sericite with dark grey chlorite seams/partings parallel to S2. Roughly 10-15% chlorite. Gradational into lower and upper bounding units.
160.9	168.0		QUARTZ/SERICITE (FEC03) SCHIST Light yellow/green schist with 20-30% light yellow green sericite seams in quartzose groundmass. S2 pervasive fine grained pyrite and po (1-2%) occurs as local blebs and disseminated grains and as pyritic bands. 50 cm quartz vein @ base.
160.9	167.5	FZ	
167.5	168.0	QZVN	
168.0	173.6	FEB	QUARTZ/SERICITE (WISPY CHLORITE LAMINAR) SCHIST Light yellow green sericite quartz schist rock with local dark grey chlorite seams. Chlorite varies from trace to 10-15% over narrow intervals. Po occurs locally (2-3%) as disseminate grains along S2 or as elongate clots several mm long. S2 to core axis is 70° @ 170 m. S1 subparallel to core axis @ 170.9 m. Relatively low chlorite content between 171.3-173.6 with several % dark green chlorite between 173.6-174.1 Several quartzose laminar bands
173.6	192.7		CHLORITE/SERICITE/QUARTZ(PO/SP/CP) SCHIST

173.6	175.0	FZXO	<p>Light to medium green chlorite/sericite/quartz schist with local Cp/Po/Sp bearing laminations. Rock is light yellow green at top of interval with increasing green hue down hole as result of increasing dark green chlorite content. Fine grained Po (3-4%) and Sp(<1-2%) occur as local concentrations and wispy laminations along quartzose seams commencing @ 173.6. Cp (<1%) occurs with sphalerite and po along S2 parallel seams in chloritic groundmass @ 175.0 m.</p>
175.0	192.7	ATXP	
192.7	200.9	OHA	<p>Mineralized seams are local and not pervasive. Rock has a distinct darker green hue from 175.0 m through 192.7 Po, Sp, Cp, and Ga mineralized intervals (1-5% Sp, trace to 1% Cp trace Ga). 179.7-180.2, 180.4-180.6, 181.3-181.5, 182.8-184.9, 185.8-186.4, and 192.1-192.7., 185.8-186.4 interval is lead rich with 3-4% Ga locally and coarse clotty Cp. Mineralization in the intervals tends to be spotty disseminated with mineralized grained concentrated along S1 subparallel to core axis and S2 planes importing a seam like character. The lowest interval 192.1-192.7 is po, py and cp rich with less sp (2-3%) and exhibits a coarser crystalline crosscutting character in a dark green chlorite/feldspar groundmass. This interval abuts massive sulfide rock below.</p>
194.7	200.9	FLT	<p>SULPHIDE ROCK/BRITTLE FAULT ZONE Massive fine grained homogenous character comprising mainly fine grained massive pyrite with 3-5% fine grained interstitial sphalerite. Basal 30 cm has trace Cp as fine grains. Magnetite as 2-4 cm elongate porphyroblasts in fine Py (Sp) matrix.</p>
200.9	201.5	FZXO	<p>@ 193.7-194.5 rock has a 8-10% quartz + FeCO₃ gangue 194.7-200.9 with sucrosic fragments in sulfide mass, low and fractures, a slickensided plane @ 30° to core axis. @193.5m and "sulphide sand" between 200.0-200.9. Fault</p>
201.5	216.0	MO	<p>@ 200.9-201.5 Quartz/sericite/cc/chlorite schist. Light grey/green quartz sericite schist with narrow cc (5%) bands and local fine chlorite seams. High & fracture subparallel to core axis between 201.1-201.5. S2 to core axis @ 45°.</p> <p>BIOTITE CHLORITE CC SPOTTED/RIBBONED SCHIST Dark green black and white spotted schistose rock. Transitional contact with unit above characterised by calcite veining banding and FeCO₃ speckling of light green calcareous quartz sericite schist @ 201 m with increasing dark green hue imported by chlorite. At 202.1 the rock is chlorite rich with 15-20% cc as bands, lenses, and blebs. Coarse flaky biotite (5-8%) crystals occur as disseminated clusters 2-3 mm wide and as flaky seams along shear/S2 glide planes. Biotite rich concentrations (15-20%) between 212.2-213.7. Gradual decrease in biotite and chlorite content from 215.2-216.0 with increasing sericite into a calcareous sericite schist @ 216.0 m.</p>
216.0	222.5	FTXL	<p>SERICITE/CALCITE (QUARTZ) SCHIST Light green/white calcareous quartzitic sericite schist. Quartz 20-30% as fine grains in groundmass FeCO₃ and calcite grains 1-2 mm speckle throughout. Sharp contact @ base with gouge/fault zone.</p>
216.3	222.5	FLT	<p>FAULT ZONE Fault brecciated zone with gouge to 221.1 followed by cataclasite in competent core to 222.5 @ E.O.H. Broken lithologies in gouged/broken zone comprise light green calcareous/quartz/sericite schists. A 30 cm quartz vein occurs @ base of main gouge zone between 220.8-221.1. Cataclasite comprises quartz 50-60%. Sericite 30-40% and FeCO₃, 5-8% and a dark green chlorite rich interval between 222.2-222.5. Tourmaline 60-70% as fine acicular needle in masses with FeCO₃ 10-15% and quartz 15-20% occurs between 221.2-221.4. Tourmaline indurates zone parallel to S2 fabric. @ 60° to core axis</p> <p>END OF HOLE @ 222.5 m</p>